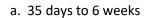
RATIO & PROPORTION 3

1. Write as ratios:



b. 5 mm to 7 mm

2. Reduce these ratios to lowest terms:

a.
$$\frac{82}{98}$$

b. 8:24:72

c. 72:36

3. State whether the following form proportions:

b.
$$\frac{8.5}{17}$$
 and $\frac{3}{6}$

4. Find the value of the variable in the following proportions:

b.
$$\frac{5}{c} = \frac{22.5}{18}$$

c.
$$\frac{2}{5} = \frac{12}{d}$$

e.
$$6:8 = 48:y$$

5. In a recipe, the ratio of milk to flour is 5 to 12. If 3 cups of milk are needed, how many cups of flour are also used?

ANSWER KEY

b. $\frac{5}{7}$

2.

b. 1:3:9

c. 2:1

3. a. no

b. yes

4. a. 98 b. 4

c. 30 d. 12.6 e. 64

5. 7.2 cups of flour

Source: Government of BC used with permission.